

[54] **ELECTRODE STRUCTURE ON A MATRIX TYPE LIQUID CRYSTAL PANEL**

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[57] **ABSTRACT**

An electrode structure on a matrix type liquid crystal display panel includes M column electrodes and N row electrodes both of which cross each other at a right angle to define picture elements via a layer of liquid crystal material. The matrix shaped electrode structure is such that a third picture element C (X_m', Y_n') is located between a first picture element A (X_m, Y_n) and a second picture element B (X_{m+1}, Y_{n+1}), wherein $1 \leq m \leq M$ and $1 \leq n \leq N$, thus enhancing resolution in vertical and horizontal directions. A diamond shape is exemplary of the possible shapes of the picture elements wherein each pair of the diagonally disposed corners are connected to that of their adjacent elements.

5 Claims, 6 Drawing Figures

